

Ser. No. 10/619,676



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Charles J. Renz
Serial No.: 10/619,676
Filed: July 15, 2003
For: BOTTLE WITH MIXING SYSTEM
Examiner: Cooley, Charles E.
Art Unit: 1723
Customer Number: 27623
Confirmation No.: 7055

Attorney Docket No.: 460.2111USX

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

DECLARATION UNDER 37 C.F.R. §1.131(b)

Dear Sir:

I, Charles J. Renz, an applicant in the above-identified patent application, declare as follows:

1. That I am a citizen of the United States of America, and a resident of 11 Macy Road, Briarcliff Manor, New York 10510.

2. That I hold a B.S.E. Degree from Duke University and an M.S.M.E. Degree from Purdue University.

3. That I have been employed in the infant care business for 5 years.

4. That I have been continuously employed by Playtex Products, Inc. for 5 years.

5. That I am the inventor of U.S. Patent Application Serial Number 10/619,676.

6. That sometime prior to February 6, 2001, I conceived of a container assembly as described and claimed in my above-referenced application including features such as, for example, an agitator having an annular ring with a first outer diameter, at least one spoke, and a retaining flange with a second outer diameter, the annular ring defining a hole with a longitudinal axis, the annular ring being at least partially tapered towards the longitudinal axis, the at least one spoke being secured to and traversing the hole, the retaining flange being secured to the annular ring, the annular ring being at least partially disposed through an open end of a container and in the inner volume of the container, the first outer diameter being smaller than the second outer diameter, the first outer diameter being smaller than said inner diameter of the open end thereby allowing the annular ring to at least partially fit into the open end, and the second outer diameter being larger than the inner diameter thereby preventing the retaining flange from fitting into the open end of the container.

7. That attached hereto is Exhibit A, which is engineering drawings, dated June 21, 2000, that are evidence of the present invention prior to February 6, 2001.

8. I further declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this application or any patent issuing thereon.

Declared at 75 Commerce Dr., Allendale NJ 07401,
U.S.A.,
this 23 day of March, 2004.



Charles J. Renz

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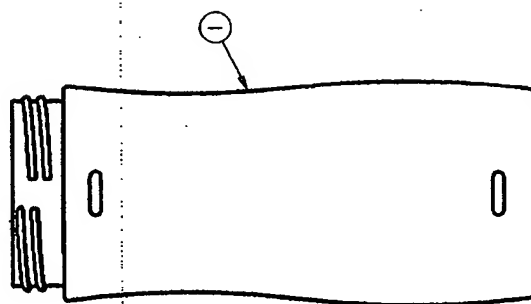
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REVISIONS			
ZONE	REV	DESCRIPTION	DATE
A	1	RELEASED FOR QUOTE	21JN00
B	1	CHANGED VESSEL (ITEM 1)	14SE00
C	1		
D	1		

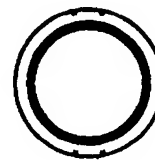


5	1	N-1210-B	DROP-INS, 5 CT	LLDPE
4	1	CT-F-0121	CAP, NEW HOLDER	CLARIFIED PP (OR PC)
3	1	CT-F-0111	WIPPLE RING, NEW HOLDER	POLYPROPYLENE
2	1	N-1175-B	PLAYTEX SILICONE FLAT TOP NIPPLE	SILICONE
1	1	CT-F-0101	VESSEL, NEW HOLDER	POLYCARBONATE
PARTS LIST				MATERIAL
DRAWING BY				DATE
C. RENZ				21JN00
UNLESS OTHERWISE SPECIFIED				SIZE TITLE
DIMENSIONS ARE IN INCHES				C
TOLERANCES ARE				NEW HOLDER ASSEMBLY
FRACTIONS ARE				IX
DECIMALS ARE				AS-F-0101
UNLESS OTHERWISE SPECIFIED				REV
DIMENSIONS ARE				A
FRACTIONS ARE				1 OF 1
DECIMALS ARE				
UNLESS OTHERWISE SPECIFIED				


CONFIDENTIAL DOCUMENT

Appendix A

FORM 1071	PAGE NO.	EXAMINATION PARTS LIST	SECTION
DRAWN BY		DATE	
C RENZ		15/000	
CHECKED BY APPROVED BY DATE		DESIGNED BY DATE	
DRAWN BY DATE		DESIGNED BY DATE	
TITLE D		VESSEL. NEW PLAYER HOLDER	
DATE 18. 3K		CT-F-0101	



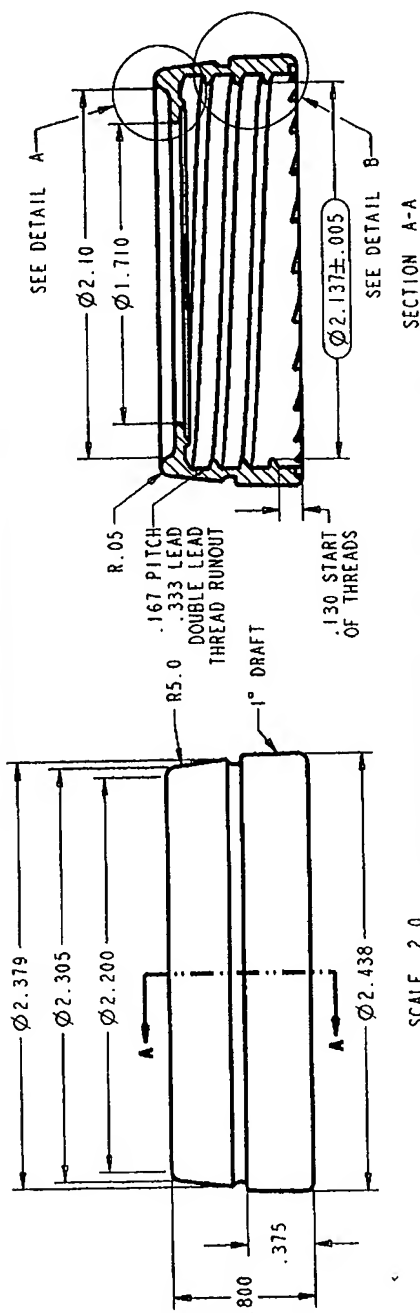
SECTION B-B

1. MATERIAL: POLYCARBONATE
2. MATERIAL THICKNESS: .005 INCHES
3. COLOR: CLEAR
4. BOTTOM HOLE AND (4) .400 X .125 SIDE
OPENINGS TO BE CLEAN CUT TRIMMED
AND HAVE NO SHARP EDGES.
5.  MINIMUM RADIUS .005 UNLESS
OTHERWISE SPECIFIED
6. PART MUST MATCH WITH P/W'S:
7. CT-F-0111, M-1210-B
8. FOR COMPLEX DIMENSIONS, REFER
TO CAD PART FILE

CLEAN CUT TRIM
NO SHARP EDGES

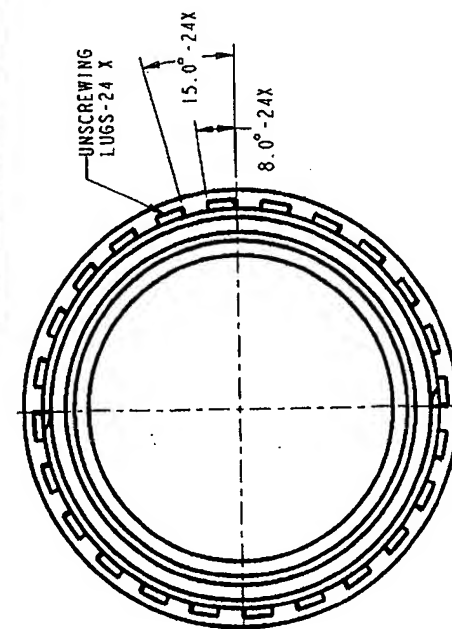
CONFIDENTIAL DOCUMENT

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NO.	REV.	DESCRIPTION	DATE
A	RELEASED FOR QUOTE	21JN00	
B	ADDED NOTES 4-6	14SE00	CJR

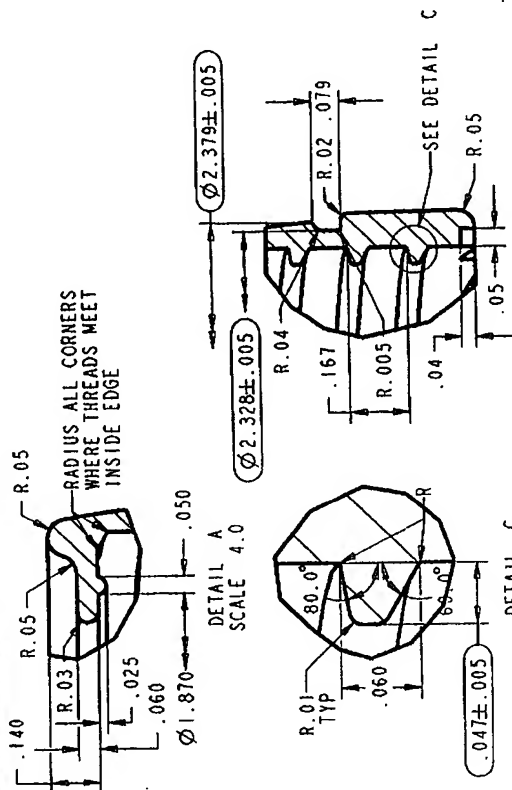


SCALE 2.0

SECTION A-A

DETAIL A
SCALE 4.0


- NOTES:
- PART VOLUME: 0.61 CUBIC INCHES
 - MATERIAL: POLYPROPYLENE
 - FOR ALL COMPLEX DIMENSIONS, REFER TO CAD PART FILE.
 - CRITICAL DIMENSIONS
 - MINIMUM RADIUS .005 UNLESS OTHERWISE SPECIFIED.
 - PART MUST MATE WITH P/N-S: CT-F-0101, CT-F-0121, N-1175-B


DETAIL B
SCALE 4.0DETAIL C
THREAD DETAIL
SCALE 15.0

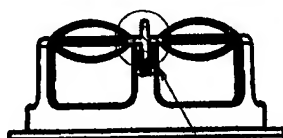
SIZE	QTY	PART NO.	DESCRIPTION	PARTS LIST	MATERIAL
C. RENZ	21JN00				
NIPPLE RING, NEW HOLDER					
SCALE: 21, 42, 13X					
DO NOT SCALE DRAWING					
CT-F-0111					
OF 1					

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NOTES:

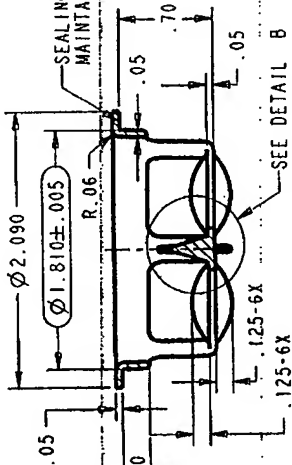
1. PART VOLUME: 64 CUBIC INCHES
2. MATERIAL: CLARIFIED POLYPROPYLENE
3. FOR COMPLEX DIMENSIONS, REFER TO PART CAD FILE.
4.  CRITICAL DIMENSIONS
5. PART MUST SNAP FIT SNUGLY ONTO P/N CT-F-011.
6. MINIMUM RADIUS .005 UNLESS OTHERWISE SPECIFIED.

ITEM	QTY	PART NO.	DESCRIPTION	MATERIAL
			PARTS LIST	
				
DRAWN BY		DATE	SIZE TITLE	
C. RENZ		15SE00	AGITATOR, FORMULA HOLDER	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES DECIMALS AND FRACTIONS DECIMALS 1/16 1/8 3/16 1/2 5/8 3/4 1				
SCALE		1:5X	OWN NO.	REV
			CT-F-0131	A
			SHEET	1 OF 1

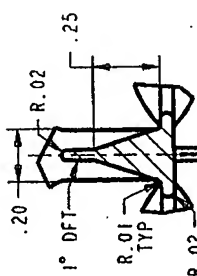


SECTION C-C

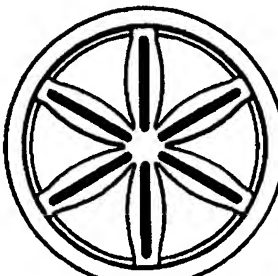
SEALING SURFACE MAINTAIN FLATNESS



SEE DETAIL B



DETAIL B



3-D VIEWS

NOTES:

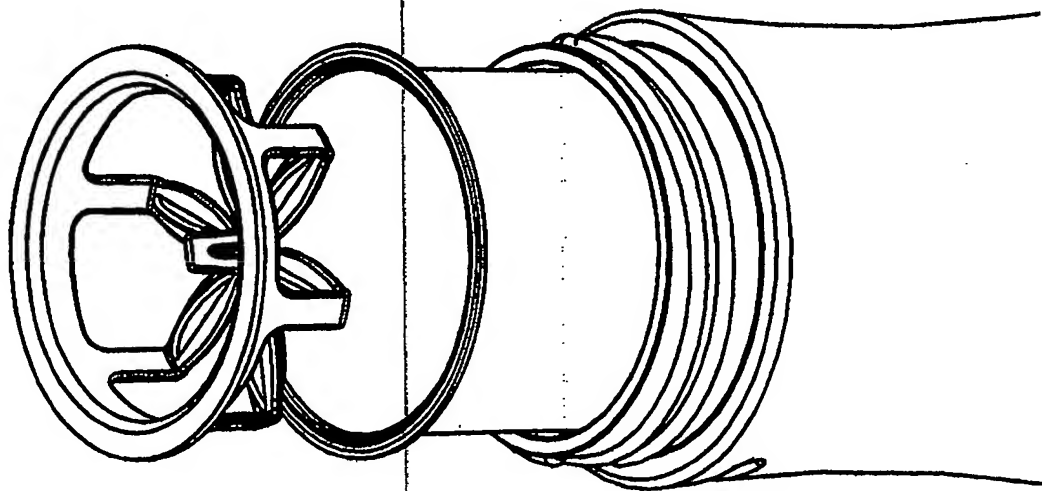
1. MATERIAL: PP OR PE
2. MATERIAL VOLUME: 0.22 CUBIC INCHES
3. PART MUST SEAT INSIDE DROP-IN LINER
4. FOR ALL COMPLEX DIMENSIONS,
REFER TO CAD FILE.
5. MINIMUM RADIUS 0.005 UNLESS
OTHERWISE SPECIFIED
6. CRITICAL DIMENSIONS

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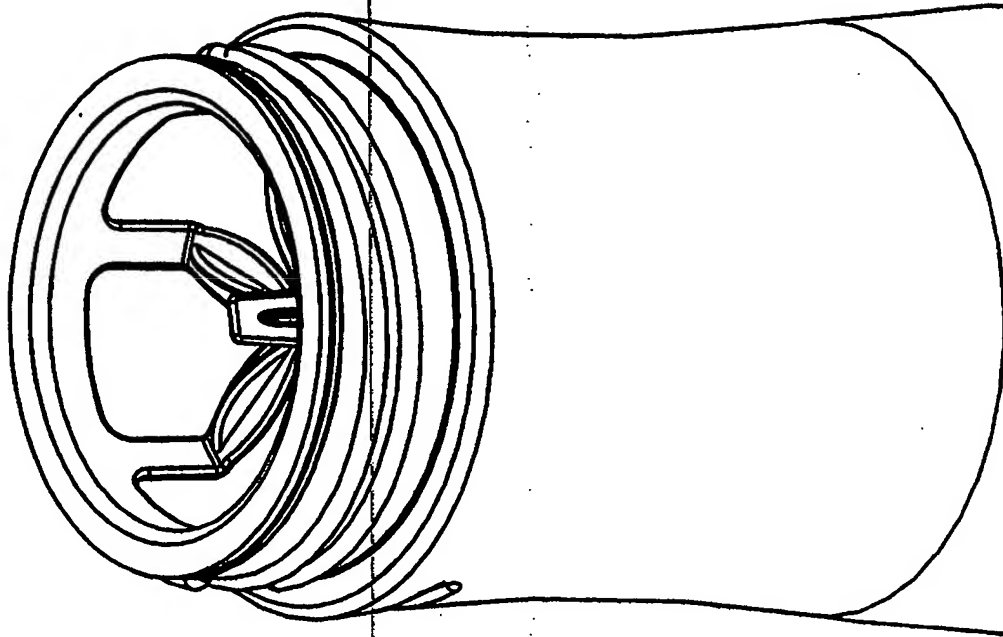
2

3

4

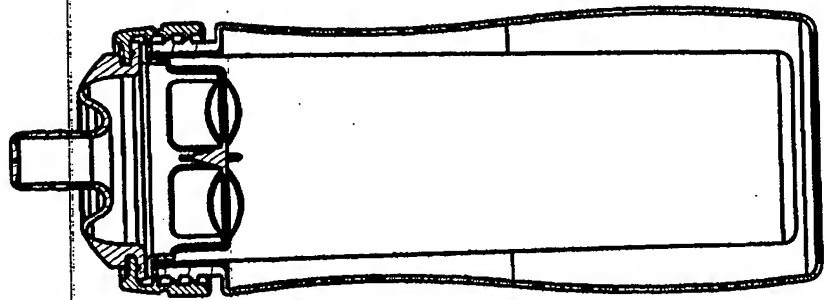
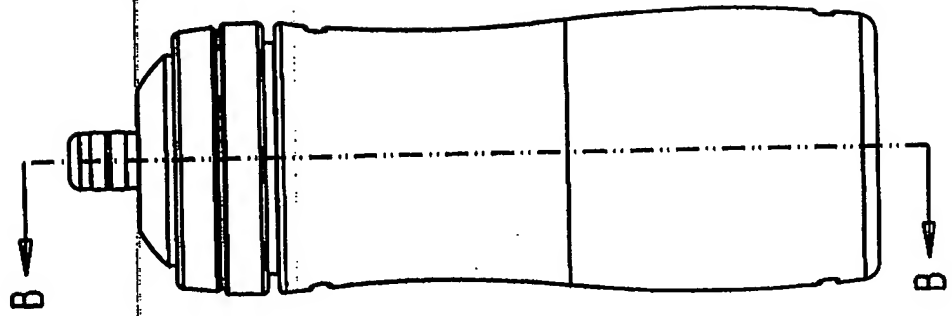


Exploded View - Agitator Assy

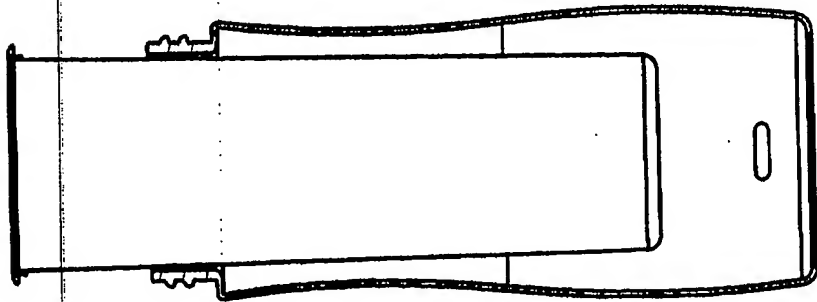


Assembled View - Agitator Assy

Figure 1 - Agitator Assy



ASSEMBLED VIEW
SECTION B-B



EXPLODED VIEW
SECTION B-B

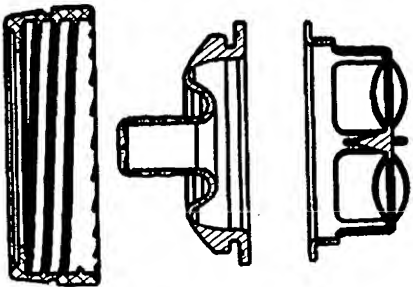


Figure 2